

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently Amended) A reflector comprising a reflective layer having a laminate structure of at least a high refractive index layer (A), a low refractive index layer (B), and a metal layer (C) mainly composed of a metal selected from silver or and aluminum; and a polymer base (D),

wherein the layer (A), the layer (B) and the layer (C) are laminated in the order of (A)/(B)/(C), and

wherein the polymer base (D) satisfies the following condition (I),

(I) the content (Rn) of atoms of the same elements as elements (A2) (excluding metals) in the atoms of elements (A1) (excluding metals) relative to the elements (A1) is not less than 98.0 atomic %, wherein the elements (A1) are elements other than metals observed by the an XPS (X-ray photoelectron spectroscopy) measurement of at a portion at depths of 0 nm to 10 nm from a side of the reflective layer of the polymer base (D) a surface of the polymer base (D) in contact with the reflective layer, and the elements (A2) are elements other than metals observed by the XPS measurement of at a portion at depths of 50 nm to 10  $\mu\text{m}$  from a side of the reflective layer of the polymer base (D) the surface of the polymer base (D) in contact with the reflective layer.

2. (Original) The reflector according to claim 1, wherein the polymer base (D) is a polymer film.

3. (Original) A lamp reflector using the reflector as described in claim 1.
4. (Original) A reflector under a light-guiding plate using the reflector as described in claim 1.
5. (Original) A backlight device using the reflector as described in claim 1.
6. (Original) A liquid crystal display using the reflector as described in claim 1.
7. (Currently Amended) A method for producing the a reflector wherein comprising forming, on a polymer base (D1), a reflective layer having a laminate structure of a high refractive index layer (A), a low refractive index layer (B), and a metal layer (C) mainly composed of a metal selected from silver or and aluminum is formed on a polymer base (D1) satisfying the following condition (II) in the order of (A)/(B)/(C),  
wherein the layer (A), the layer (B) and the layer (C) are laminated in the order of (A)/(B)/(C), and  
wherein the polymer base (D1) satisfies the following condition (II),  
  
(II) the content ( $Rn_1$ ) of atoms of the same elements as elements (A21) (excluding metals) in the atoms of elements (A11) (excluding metals) relative to the elements (A11) is not less than 98.0 atomic %, wherein the elements (A11) are elements other than metals observed by the an XPS (X-ray photoelectron spectroscopy) measurement of the at a surface forming a reflective layer of the polymer base (D1) of the polymer base (D1) in contact with the reflective layer, and the elements (A21) are elements other than metals observed by the XPS

measurement of at a portion at depths of 50 nm to 10  $\mu\text{m}$  from ~~a side of the reflective layer of the appropriate surface of the polymer base (D1)~~ the surface of the polymer base (D1) in contact with the reflective layer.

8. (Currently Amended) The method for producing the reflector according to claim 7, ~~wherein the polymer base (D1) is a polymer base (D2) in which a polymer base and a liquid are subjected to coming into contact with each other further comprising bringing the surface of the polymer base (D1) into contact with a liquid.~~